



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D5540-1**Job Sheet 185256****Part No:** D5540-1**Job Qty:** 10 ea**Part Name:** Breather Vent**Part Weight:** 0 lbs**Status:** New**Priority:** Medium**Job Created:** 10/24/18**Job Tracking No:****Due Date:** 10/31/18**Created By:** Chantal Lavoie**Type:** Stock**Description:****Note:** TBD IPP REV:A 17.10.19 NEW ISSUE DD VERF:DP**Ship Via:****Bill of Materials****Job Routing**

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	10 pcs		10/31/18	0.00	0.00	Purchasing		OCT 29 2018
110	Packaging	10 pcs		10/31/18	0.00	0.00	Packaging2		OCT 29 2018
120	QC	10 pcs		10/31/18	0.00	0.00	QC6		DAS38
130	Packaging	10 pcs		10/31/18	0.00	0.00	Packaging3-2	168	OCT 30 2018
140	QC21-SA	10 Ea		10/31/18	0.00	0.00	QC21		OCT 30 2018

Part Op 100 - Issue P/O: 41443 Purchase Part Number: 9833K21 Supplier: McMasterCarr Certificate of conformity is
Descriptions: required

- 110 - Receive & Inspect for Damage & Mat'l Certs
- 120 - QC6- All purchased or subcontracted products
- 130 - Identify as per dwg & Stock Location:
- 140 - QC21- Final Inspection - Work Order Release

OCT 24 2018

X10

CL

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
9833K21	Breather Vent	10 Ea (1 ea)	100-Purchasing	S122099

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	9833K21	10	0	0

Part Specifications

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

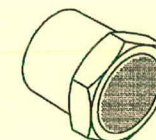
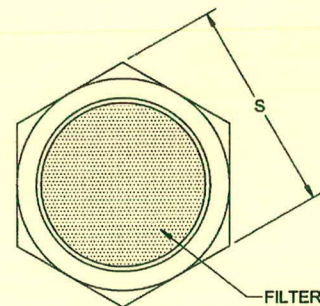
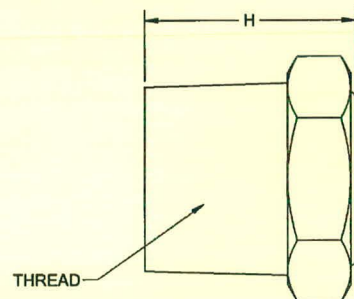
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Container No: S122100**Part:** D5540-1**Job No:** 185256**Serial No/Batch:** S122100**Revision:** A**Inspector:****Exp Date:****Instructions:** Various STC's

Date: 10/29/18

SPECIFICATION CONTROL DRAWING



D5540-X BREATHER VENT

DART PN	DESCRIPTION	VENDOR	VENDOR PN	BODY MATERIAL	FILTER MATERIAL	HEX SIZE (S) INCHES	HEIGHT (H) INCHES	THREAD	FILTER PARTICLE SIZE (MICRONS)
D5540-1	BREATHER VENT	MCMaster-CARR	9833K21	NICKEL-PLATED STEEL	BRONZE	7/16	7/16	1/8 NPT	90

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

RELEASED
2017-10-06
ECN 17-687

APPROVED

APPROVED

A	NEW ISSUE		WK	17.06.07
REV.	DESCRIPTION		BY	DATE
DESIGN	WK	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	REV. A	
DRAWN	WK		SHEET 1 OF 1	
CHECKED	VS		DRAWING NO. D5540	
MFG. APPR.	LL		TITLE BREATHER VENT	
APPROVED	HS		SCALE	
DE APPR.	DS		NTS	
DATE	17.06.07		COPYRIGHT © 2017 BY DART AEROSPACE LTD	
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
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Tel (613) 632-5200

PURCHASE ORDER **PO041445**

Supplier: MCM001-VU
McMaster-Carr Supply Co,
P.O. Box 7690
Chicago, IL 60680-7690 USA
Phone: 330 995 5500
Fax: 330 995 9600

PO No: PO041445
PO Date: 10/24/18
Due Date: 10/29/18
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

E-MAILED
OCT 25 2018

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: 2% 10 Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	185256	9833K21		Breather Vent	Firmed	-	10/29/18	10 Ea	0 Ea	10 Ea	\$1.27/Ea	\$12.70
Line Item Note as per dwg d5540 rev. a												
2	184972	59915K274		Rod End Bearing D4777-1	Firmed	-	10/29/18	10 pcs	0 pcs	10 pcs	\$19.05/pcs	\$190.50
Line Item Note as per dwg d4777 rev. a												
3		2-230	9452K69 100/PK	O-Ring	Firmed	-	10/29/18	100 Ea	0 Ea	100 Ea	\$0.1552/Ea	\$15.52
4		91263A353	10/pk	Countersunk Screw	Firmed	-	10/29/18	20 Ea	0 Ea	20 Ea	\$0.721/Ea	\$14.42
5		MT-BRASS-C360-R1.000	8953K98 3ft	Brass C360 Round Bar 1.000" : MATERIAL: C360 BRASS ASTM B16	Firmed	-	10/29/18	3 ft	0 ft	3 ft	\$24.7733/ft	\$74.32
6		3712T36	1/pk	Pear-Shaped Threaded Connecting Link, SS 1/2" Thickness	Firmed	-	10/29/18	4 Ea	0 Ea	4 Ea	\$59.08/Ea	\$236.32
7		8982K31	8 ft long	6061 Aluminum 90 Degree Angle	Firmed	-	10/29/18	8 ft	0 ft	8 ft	\$6.01875/ft	\$48.15
8		92373A149	100/pk	Roll Pin 3/32" X 1"	Firmed	-	10/29/18	100 Ea	0 Ea	100 Ea	\$0.0545/Ea	\$5.45
9		2214A5	1/pk	Magnetic Base	Firmed	-	10/29/18	4 Ea	0 Ea	4 Ea	\$33.73/Ea	\$134.92
10		8662A61	1/pk	Dial Indicator with Certificate 0" to 1.000" Range X 0.001" Increments receive ea	Firmed	-	10/29/18	4 Ea	0 Ea	4 Ea	\$96.43/Ea	\$385.72
11		95475A105	25/pk	Threaded Stud	Firmed	-	10/29/18	25 Ea	0 Ea	25 Ea	\$0.3572/Ea	\$8.93
12		93286A044	5/pk	Flat Washer 1/4" ID receive ea	Firmed	-	10/29/18	25 Ea	0 Ea	25 Ea	\$1.266/Ea	\$31.65
13		94191A250	25 /pk	Steel Hex Nut 5/16"-24	Firmed	-	10/29/18	25 Ea	0 Ea	25 Ea	\$0.3844/Ea	\$9.61

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PURCHASE ORDER **PO041445**

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
14		90081A107	100/pk	Drive Screw #4 5/16" Long	Firmed	-	10/29/18	100 Ea	0 Ea	100 Ea	\$0.0298/Ea	\$2.98
15		90081A074	100/pk	0.125 X 0.500 Drive Screw receive ea	Firmed	-	10/29/18	100 Ea	0 Ea	100 Ea	\$0.0367/Ea	\$3.67
16		91595A112	50/pk	Dowel Pin ØM3 x 12mm receive ea	Firmed	-	10/29/18	100 Ea	0 Ea	100 Ea	\$0.1572/Ea	\$15.72
17		3555T51		Shackle 1/2", 4400 Lbs	Firmed	-	10/29/18	6 Ea	0 Ea	6 Ea	\$36.52/Ea	\$219.12
18		3896T31	50/pk	Ferule 1/16 X 3/8" - Aluminum	Firmed	-	10/29/18	200 Ea	0 Ea	200 Ea	\$0.1312/Ea	\$26.24
19		MDELINR1.625W	8572k26 3 ft	M Delrin Round Bar, White : MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL receive ft	Firmed	-	10/29/18	6 ft	0 ft	6 ft	\$13.07/ft	\$78.42
20		MDELINR3.500W	8572K35	Delrin Round Bar, White R3.500"	Firmed	-	10/29/18	5 ft	0 ft	5 ft	\$68.00/ft	\$340.00
21		MPTFES0.040	8545K202 2 SF	Polytetrafluoroethylene Molded Sheet	Firmed	-	10/29/18	2 sf	0 sf	2 sf	\$25.07/sf	\$50.14
Line Item Note 1 pcs of 12" x 24"												
22		94895A815	100/pk	Hex Nut, Steel 3/8" ID x 5/8" OD	Firmed	-	10/29/18	100 Ea	0 Ea	100 Ea	\$0.0755/Ea	\$7.55
23		3339T2	1/pk	Web Sling Protector	Firmed	-	10/29/18	8 Ea	0 Ea	8 Ea	\$12.20/Ea	\$97.60
24		91280A334	100/pk	Hex Head Cap Screw	Firmed	-	10/29/18	100 Ea	0 Ea	100 Ea	\$0.1173/Ea	\$11.73
25		90591A151	100/pk	Nuts	Firmed	-	10/29/18	100 Ea	0 Ea	100 Ea	\$0.0237/Ea	\$2.37
26		3001T54	1/pk	Turnbuckle, Jaw to Jaw	Firmed	-	10/29/18	10 Ea	0 Ea	10 Ea	\$28.94/Ea	\$289.40
27		91732A233	10/pk	Threaded Insert 5/16-24 Unf X 15/32 receive ea	Firmed	-	10/29/18	30 Ea	0 Ea	30 Ea	\$0.614/Ea	\$18.42
28		92185A673	1/pk	Screw 3/8-24 Unf	Firmed	-	10/29/18	6 Ea	0 Ea	6 Ea	\$3.55/Ea	\$21.30
29		98017A200	100/pk	Washer	Firmed	-	10/29/18	100 Ea	0 Ea	100 Ea	\$0.0982/Ea	\$9.82
30		98017A660	500/pk	Flat Washer	Firmed	-	10/29/18	500 Ea	0 Ea	500 Ea	\$0.01376/Ea	\$6.88

Grand Total: \$2,369.57



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PURCHASE ORDER PO041445

Order Notes

Procurement Quality Clauses

A005 RIGHT OF ENTRY
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 DOCUMENT SPECIAL REQUIREMENTS
A033 STATEMENT OF CONFORMITY/TEST RECORDS FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A042 DART NOTIFICATION BY SUPPLIER
A043 RETENTION OF QUALITY DOCUMENTS

A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM

A049 SUPPLIER AWARENESS

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

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McMASTER-CARR®

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO041445
Order Placed By
Chantal Lavoie

Page 1 of 2
10/25/2018

McMaster-Carr Number
3134041-04

Line	Product	Ordered	Shipped
1	9833K21 Breather Vent, Nickel-Plated Steel, 1/8 NPT Male	10 Each	10
2	59915K274 Corrosion-Resistant Ball Joint Rod End, 3/8"-24 Thread, Right Hand	10 Each	10
3	9452K69 Oil-Resistant Buna-N O-Ring, 1/8 Fractional Width, Dash Number 230, Packs of 100	1 Pack	1
4	91263A353 Zinc-Plated Alloy Steel Hex Drive Flat Head Screw, 5/16"-24 Thread Size, 1" Long, Packs of 10	2 Packs	2
6	3712T36 Pear-Shaped Threaded Connecting Link, Type 316 Stainless Steel, 1/2" Thickness, Not for Lifting	4 Each	4
7	92373A149 18-8 Stainless Steel Slotted Spring Pin, 3/32" Diameter, 1" Long, Packs of 100	1 Pack	1
8	2214A5 Jointed-Arm Magnetic-Base Indicator Holder with 132 lb. Magnetic Pull	4 Each	4
10	95475A105 Low-Strength Threaded Rods, Zinc-Plated Steel, 1/4"-28 Thread Size, 1-1/2" Long, Packs of 25	1 Pack	1
11	93286A044 Aluminum Washer, Oversized, 1/4" Screw Size, 0.261" ID, 0.5" OD, Packs of 5	5 Packs	5
12	94191A250 Mil. Spec. High-Strength Steel Hex Nut, Grade 8, 5/16"-24 Thread Size, MS-51968-6, Packs of 25	1 Pack	1
13	90081A107 Zinc-Plated Steel Screw Nails for Metal, Plastic and Plywood, Size 4, 5/16" Long, Packs of 100	1 Pack	1
14	90081A074 Zinc-Plated Steel Screw Nails for Metal, Plastic and Plywood, Size 2, 1/8" Long, Packs of 100	1 Pack	1
15	91595A112 Alloy Steel Dowel Pin, 3mm Diameter, 12mm Long, Packs of 50	2 Packs	2
16	3555T51 Galvanized Steel Safety-Pin Shackle - for Lifting, 1/2" Thick	6 Each	6
17	3896T31 Wire Rope Compression Sleeve for 1/16" Rope Diameter - Not for Lifting, Packs of 50	4 Packs	4
21	94895A815 High-Strength Steel Hex Nut, Grade 8, Zinc Yellow-Chromate Plated, 3/8"-24 Thread Size, Packs of 100	1 Pack	1
22	3339T2 Protector for 2" Wide Web Sling	8 Each	8
24	90591A151 Zinc-Plated Steel Hex Nut, Medium-Strength, Class 8, M6 x 1 mm Thread, Packs of 100	1 Pack	1
25	3001T54 Forged Galvanized Steel Turnbuckle, Clevis-to-Clevis, 2200 lbs. Capacity, 13.5" Retracted Length	10 Each	10

DAS
38
9-89

Packing List

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

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1270 Aberdeen St
Hawkesbury ON K6A 1K7
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Purchase Order
PO041445
Order Placed By
Chantal Lavoie

McMaster-Carr Number
3134041-04

Page 2 of 2
10/25/2018

Line	Product	Ordered	Shipped
26	91732A233 Stainless Steel Helical Insert, 5/16"-24 Right-Hand Thread, 0.469" Long, Packs of 10	3 Packs	3
27	92185A673 Super-Corrosion-Resistant 316 Stainless Steel Socket Head Screw, 3/8"-24 Thread Size, 1" Long, Packs of 1	6 Packs	6
28	98017A200 18-8 Stainless Steel Mil. Spec. Washer, Passivated, 3/8" Screw Size, NAS 1149-C0663R, Packs of 100	1 Pack	1
29	98017A600 18-8 Stainless Steel Mil. Spec. Washer, Passivated, Number 2 Screw Size, NAS 1149-Cn216R, Packs of 500	1 Pack	1

Shipped separately from our Chicago warehouse on 10/25

23	91280A334 Medium-Strength Class 8.8 Steel Hex Head Screw, Zinc-Plated, M6 x 1 mm Thread, 25 mm Long	1 Pack	1
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Expected to ship

9	8662A61 Combination Dial Plunger-Style Variance Indicator with NIST Certificate & 0" to 1" Measuring Range	4 Each	4 Nov 1-14
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